

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 2 | ((("5774489") or ("6876796")).PN. | USPAT | OR | OFF | 2006/12/05 17:44 |
| L2 | 1 | ("20050111776").PN. | US-PGPUB | OR | OFF | 2006/12/05 17:45 |
| S2 | 331118 | (silicon si) near3 (substrate\$1 layer\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/13 09:42 |
| S3 | 34 | ((micro near2 resonat\$3) micro-resonat\$3 microresonat\$3) same S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/02 10:46 |
| S4 | 34 | S3 and @ad<"20031231" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:49 |
| S5 | 331180 | (silicon si) near3 (substrate\$1 layer\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:49 |
| S6 | 34 | ((micro near2 resonat\$3) micro-resonat\$3 microresonat\$3) same S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:49 |
| S7 | 34 | S6 and @ad<"20031231" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/03 17:21 |
| S8 | 17 | S7 and (dioxide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:50 |
| S9 | 2 | S8 and nano | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:52 |
| S10 | 0 | S8 and (nano\$6 near3 crystal\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:51 |

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| S11 | 0 | S8 and (nano\$6 with crystal\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:51 |
| S12 | 9 | S8 and crystal\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:56 |
| S13 | 0 | S7 and (nano\$8 with crystal\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 15:57 |
| S14 | 8 | S7 and (nano\$8 and crystal\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:38 |
| S15 | 0 | (optic\$3 near3 pump\$1) same (silicon-dioxide (silicon near2 dioxide)) same (nano-crystal nanocrystal (nano near2 crstal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:39 |
| S16 | 0 | (optic\$3 near3 pump\$1) same (silicon-dioxide (silicon near4 dioxide)) same (nano-crystal nanocrystal (nano near4 crstal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:40 |
| S17 | 7 | (optic\$3 near3 pump\$1) same (silicon-dioxide (silicon near4 dioxide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:49 |
| S18 | 1 | ("6441945").PN. | US-PGPUB; USPAT | OR | OFF | 2004/12/06 16:51 |
| S20 | 2 | "750522".ap. "393643".ap. | US-PGPUB | OR | OFF | 2004/12/06 16:52 |
| S21 | 1 | "140255".ap. | US-PGPUB | OR | OFF | 2004/12/06 16:51 |
| S22 | 5 | (US-20040179573-\$ or US-20030205710-\$ or US-20040183087-\$ or US-20020123227-\$).did. or (US-6441945-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/12/06 16:52 |
| S23 | 2 | S22 and (nano\$9) and (optic\$4 near3 pump\$1) | US-PGPUB; USPAT | OR | OFF | 2004/12/06 17:30 |
| S24 | 113678 | "385"/("27,31,32", "39,42,49,50"). ccls. or 372/94.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/12/06 17:31 |

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| S25 | 7288 | S24 and (silicon si) near3 (substrate\$1 layer) | US-PGPUB; USPAT | OR | OFF | 2004/12/06 17:31 |
| S26 | 50 | S25 and ((micro near3 resonat\$4) micro-resonat\$4 microresonat\$4) | US-PGPUB; USPAT | OR | OFF | 2004/12/06 17:32 |
| S27 | 49 | S26 and @ad<"20031231" | US-PGPUB; USPAT | OR | OFF | 2004/12/06 17:33 |
| S28 | 20 | S27 and crystal\$5 | US-PGPUB; USPAT | OR | OFF | 2004/12/06 17:33 |
| S29 | 122 | ((silicon near3 dioxide) SiO2) with (nanocrystal\$5 nano-crystal\$5 (nano adj crystal\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/13 09:44 |
| S30 | 122 | ((silicon near3 dioxide) SiO2 silicon-dioxide) with (nanocrystal\$5 nano-crystal\$5 (nano adj crystal\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/13 09:49 |
| S31 | 4 | S30 and ((tunnel\$4 pump\$4) with (current electron\$1) with (electron-hole-pair\$1 (electron adj hole adj pair\$1) (electron-hole adj pair\$1))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/13 09:45 |
| S32 | 4 | S31 and @ad<"20031231" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/13 09:46 |
| S33 | 116 | S30 and @ad<"20031231" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/13 09:49 |
| S34 | 368704 | (silicon si) near3 (substrate\$1 layer\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/03 17:21 |
| S35 | 62 | ((micro near2 resonat\$3) micro-resonat\$3 microresonat\$3) same S34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/03 17:21 |
| S36 | 49 | S35 and @ad<"20031231" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/03 17:21 |

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| S37 | 12 | S36 and @pd>"20041201" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/03 17:23 |
| S38 | 109196 | "385"/("27,31,32", "39,42,49,50"). ccls. or 372/94.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/11/03 17:21 |
| S39 | 6246 | S38 and (silicon si) near3 (substrate\$1 layer) | US-PGPUB; USPAT | OR | OFF | 2005/11/03 17:21 |
| S40 | 44 | S39 and ((micro near3 resonat\$4) micro-resonat\$4 microresonat\$4) | US-PGPUB; USPAT | OR | OFF | 2005/11/03 17:21 |
| S41 | 42 | S40 and @ad<"20031231" | US-PGPUB; USPAT | OR | OFF | 2005/11/03 17:21 |
| S42 | 20 | S41 and crystal\$5 | US-PGPUB; USPAT | OR | OFF | 2005/11/03 17:21 |
| S43 | 6 | S42 and @pd>"20041201" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/03 17:22 |
| S44 | 1325 | microresonat\$4 micro-resonat\$4 (micro near2 resonat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 10:37 |
| S45 | 4542 | microcirculat\$4 micro-circulat\$4 (micro near2 circulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 10:38 |
| S46 | 1226 | ((annular\$3 circular\$4 ring\$1 disk\$1) near4 (waveguide\$1)) same (resonat\$4 circulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 10:39 |
| S47 | 6960 | S44 S45 S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 10:39 |

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| S48 | 8297 | nanocrystal\$5 nano-cyrstal\$5 (nano near6 crystal\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 10:40 |
| S49 | 28 | S47 and S48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 10:41 |
| S50 | 22 | S49 and (@ad<"20031231" @rlad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 10:41 |
| S51 | 4926 | (quantum near3 dot\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 15:37 |
| S52 | 1325 | microresonat\$4 micro-resonat\$4 (micro near2 resonat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 15:37 |
| S53 | 4542 | microcirculat\$4 micro-circulat\$4 (micro near2 circulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 15:37 |
| S54 | 1226 | ((annular\$3 circular\$4 ring\$1 disk\$1) near4 (waveguide\$1)) same (resonat\$4 circulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 15:37 |
| S55 | 6960 | S52 S53 S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 15:37 |

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| S56 | 45 | S55 and S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 15:37 |
| S57 | 38 | S56 and (@ad<"20031231" @rlad<"20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 15:37 |